

**THE PORT AUTHORITY
OF NEW YORK AND NEW JERSEY**

[Signature]
ENGINEERING PROGRAM MANAGER
MAINTENANCE ENGINEERING DESIGN DIVISION
[Signature]
CHIEF MECHANICAL ENGINEER

I HEREBY CERTIFY THAT THIS IS A TRUE AND CORRECT COPY OF ONE OF THE CONTRACT DRAWINGS CONSTITUTING A PART OF CONTRACT NO. IN THE FORM IN WHICH SAID DRAWINGS EXISTED AT THE TIME THE SAID CONTRACT WAS EXECUTED BY THE PARTIES.

DATE 7/15/97 *[Signature]*
SPEC. WRITER

DATE *[Signature]*
ENGINEER OF DESIGN

No.	Date	Revision	Approved

Engineering Department
Design Divisions

The World Trade Center

Installation of
MAIN SPRINKLER LOOP
SERVICE LEVEL B-1

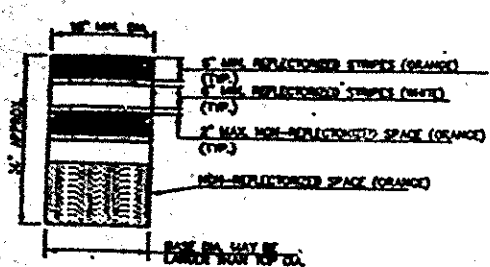
TRUCK DOCK - 1

This drawing is subject to conditions in contract. All dimensions, design, design and methods herein are reserved to Port Authority and may not be used without its written consent.

V.C.	R.L.	H. Mod.
Designed by	Drawn by	Checked by

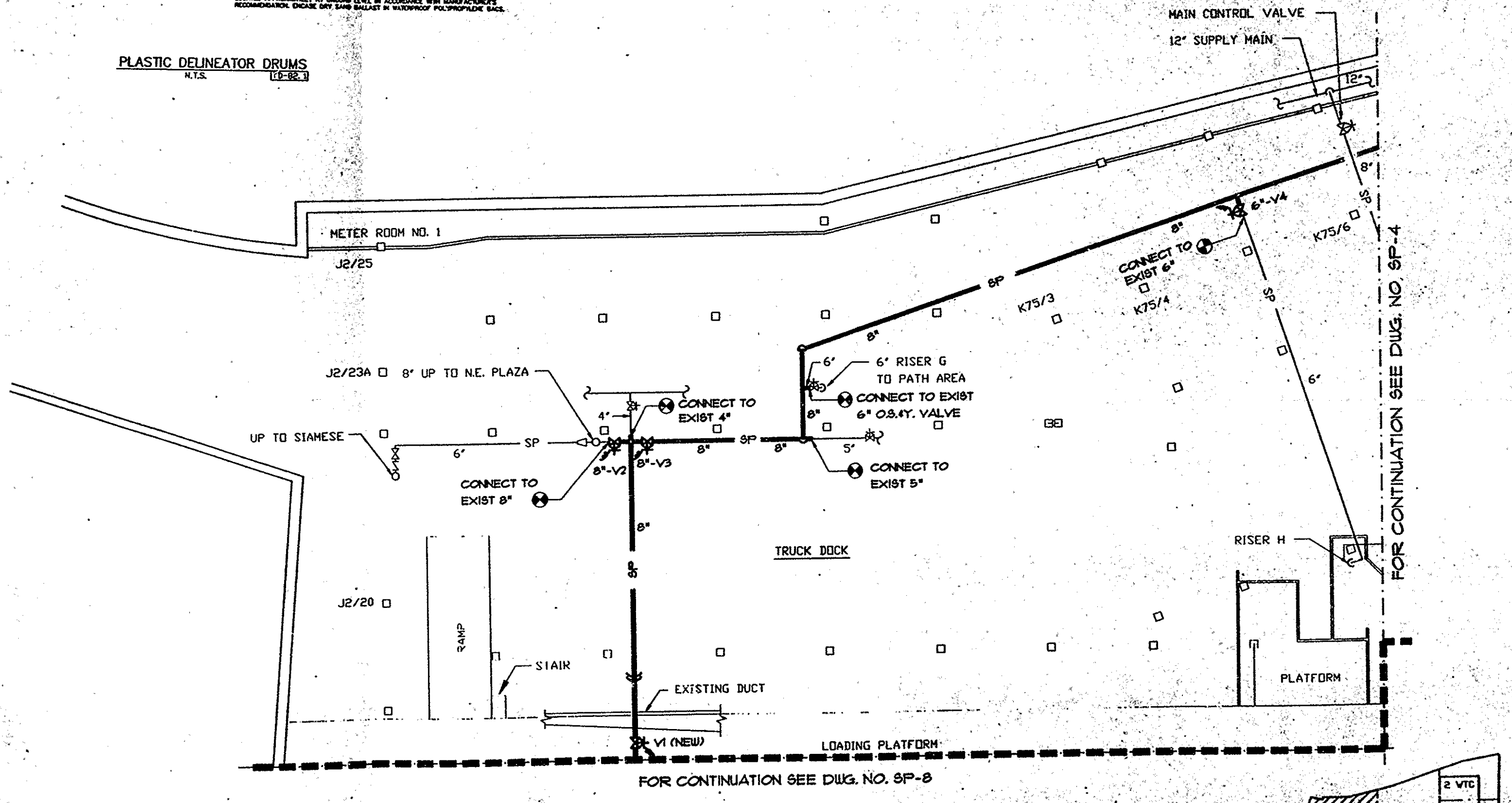
Date 3/26/97 Scale AS NOTED

Contract Number	Drawing Number
WTC-176	SP-3

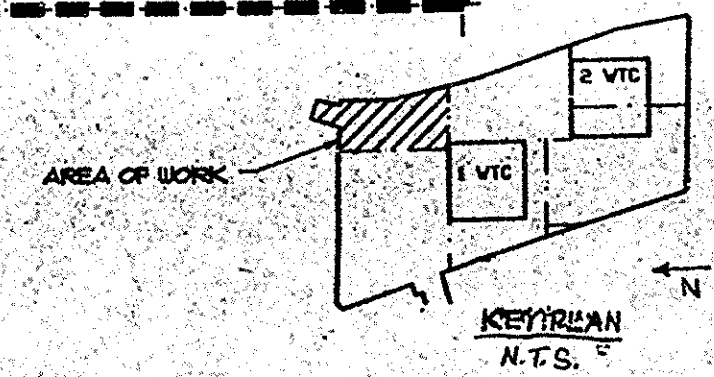


PLASTIC DELINEATOR DRUMS
N.T.S. (10-B2.3)

- NOTES
1. THE TOP OF THE DRUM SHALL NOT BE OPEN. DRUMS SHALL BE CONSTRUCTED TO PREVENT ROLLING IF INDOOR. DRUMS SHALL BE MOUNTED WITH INTERNAL TOP-MOUNTED LIFTING HANDLE WITH 2 BOLT HOLES SUITABLE FOR ATTACHING FLASHER LIGHTS.
 2. DRUMS SHALL BE MADE OF ORANGE PLASTIC WITH A MINIMUM OF FOUR ALTERNATE ORANGE AND WHITE REFLECTORIZED STRIPES IF THERE ARE NON-REFLECTORIZED SPACES BETWEEN THE STRIPES. THEY SHALL BE NO MORE THAN 2" WIDE. THE ORANGE AND WHITE REFLECTORIZED STRIPES SHALL BE 3M OR FLOUREX HIGH INTENSITY GRADE SHEETING SERIES (3030 "SCORCH-LITE" OR APPROVED EQUAL).
 3. THE REFLECTORIZED AREA OF DRUMS SHALL BE ROUND. OTHER SHAPES MAY BE USED, WHICH PROVIDE THE SAME VISIBILITY AS AN 18" DIAMETER ROUND DRUM REGARDLESS OF ORIENTATION IF APPROVED BY THE ENGINEER.
 4. WHEN BALLAST IS REQUIRED BY THE ENGINEER, SAND OR OTHER NON-HIGH BALLAST SHALL BE USED. MAXIMUM WEIGHT OF THE BALLAST SHALL BE 50 LBS. AND BE LOCATED APPROXIMATELY AT DRUMS LEVEL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATION. ENCASE DRY SAND BALLAST IN WATERPROOF POLYPROPYLENE BAGS.



PART PLAN
SCALE IN FEET
0 16 32



KEY PLAN
N.T.S.